

IN THE CLAIMS

Please amend the claims as follows:

1-14. (Canceled)

15. (Currently Amended) A system using services, the system comprising:

an image handling apparatus; and

an external processing apparatus connected to the image handling apparatus through a network, the external processing apparatus comprising a controlling part that conducts at least a part of an image handling process concerning a service by taking the place of the image handling apparatus, the external processing apparatus sending a screen update instruction request to the image handling apparatus ~~during~~ in response to a message informing an end of the image handling process, wherein

the image handling apparatus comprises

hardware resources including at least one of a scanner and a plotter; and

an image formation unit configured to form an image by using the hardware resources and to be controlled by the image handling process, wherein the image formation unit controls the hardware resources by a trigger of receiving a request sent from the controlling part, and

an interface that, when the image handling apparatus receives the screen update instruction request, sends a request to the external processing apparatus to update a graphical interface.

16. (Previously Presented) The system as claimed in claim 15, wherein the image handling apparatus comprises a service providing part that allows an external control to

control the image formation unit, wherein the image handling process is conducted by externally controlling the image formation unit.

17. (Previously Presented) The system as claimed in claim 16, wherein the external processing apparatus controls the image formation unit by using the service providing part based on a request received from the image handling apparatus.

18. (Previously Presented) The system as claimed in claim 15, wherein the image handling apparatus comprises a requesting part that sends a request for at least a part of the image handling process to the controlling part.

19. (Previously Presented) The system as claimed in claim 15, wherein the image handling process is realized by one or more function controlling parts that control the image formation unit, a service providing part that allows an external control to control the one or more function controlling parts, and software that externally controls the one or more function controlling parts, and the software is implemented in the external processing apparatus as at least a part of the image handling process.

20. (Previously Presented) The system as claimed in claim 18, wherein the requesting part includes an executing part that executes at least a part of the image handling process.

21. (Previously Presented) The system as claimed in claim 20, wherein the requesting part requests at least the part of the image handling process to the external processing apparatus through another external processing apparatus.

22. (Previously Presented) The system as claimed in claim 15, wherein the image handling apparatus comprises:

a service providing part that internally controls the image formation unit; and
a requesting part that controls the image formation unit by using the service providing part.

23. (Previously Presented) The system as claimed in claim 17, wherein the external processing apparatus controls the image formation unit by using the service providing part through another external processing apparatus.

24. (Previously Presented) The system as claimed in claim 15, wherein the controlling part allows a plurality of functions to cooperate with each other.

25. (Previously Presented) The system as claimed in claim 24, wherein the controlling part allows one function implemented in one image handling apparatus and another function implemented in another image handling apparatus to cooperate with each other.

26. (Previously Presented) The system as claimed in claim 15, wherein one controlling part implemented in one external processing apparatus and another controlling part implemented in another external processing apparatus cooperate with each other.

27. (Previously Presented) The system as claimed in claim 15, wherein a terminal apparatus comprising a requesting part that requests at least one part of the image handling

process to the controlling part is connected to the image handling process and the external processing apparatus through the network.

28. (Previously Presented) The system as claimed in claim 18, wherein the external processing apparatus provides the graphical interface, which is a user interface of the controlling part, to the requesting part.

29. (Previously Presented) The system as claimed in claim 28, wherein the image handling apparatus further comprises an updating part that requests the controlling part to update the user interface.

30. (Previously Presented) The system as claimed in claim 15, wherein, when the image handling apparatus and the external processing apparatus are in an offline state, the image handling apparatus reads out a file for building up the controlling part from a storage area included in the image handling apparatus, builds up the controlling part in the image handling apparatus, and controls the image formation unit when a request is made to the controlling part built in the image handling apparatus.

31. (Previously Presented) The system as claimed in claim 30, wherein, while the image handling apparatus and the external processing apparatus are in an online state, a file for building up the controlling part is transferred from the external processing apparatus to the storage area.

32. (Previously Presented) The system as claimed in claim 28, wherein, while the image handling apparatus and the external processing apparatus are in an offline state, at least

a part of the user interface of the controlling part is transferred from the external processing apparatus to a storage area, and at least the part of the user interface of the controlling part, which is read out from the storage area, is provided to the requesting part.

33. (Previously Presented) The system as claimed in claim 30, wherein,
while the image handling apparatus and the external processing apparatus are in an online state, the image formation unit is controlled when a request is made to the controlling part built in the external processing apparatus, and

while the image handling apparatus and the external processing apparatus are in an offline state, the image formation unit is controlled when a request is made to the controlling part built in the image handling apparatus.

34. (Currently Amended) An image handling apparatus connectable to an external processing apparatus through a network, the image handling apparatus comprising:

hardware resources including at least one of a scanner and a plotter;

an image formation unit configured to form an image by using the hardware resources and to be controlled by an image handling process concerning a service, wherein at least a part of the image handling process is allowed to be controlled by the external processing apparatus, which takes a place of the image handling apparatus, and the image formation unit controls the hardware resources when a request is received from the external processing apparatus; and

an interface that sends a message informing an end of the image handling process and, when the interface receives a screen update instruction request from the external processing apparatus during upon the end of the image handling process, sends a request to the external processing apparatus to update a graphical interface.

35. (Previously Presented) The image handling apparatus as claimed in claim 34, further comprising:

a service providing part that allows an external control to control the image formation unit, wherein the image handling process is conducted by externally controlling the image formation unit.

36. (Previously Presented) The image handling apparatus as claimed in claim 35, further comprising:

a requesting part that sends a request for at least a part of the image handling process to the external processing apparatus.

37. (Previously Presented) The image handling apparatus as claimed in claim 36, wherein:

the requesting part includes an identification of data for the image handling process in a request and sends the request to the external processing apparatus; and

the service providing part uses data corresponding to the identification included in the request received from the external processing apparatus, and controls the image formation unit.

38. (Currently Amended) An external processing apparatus connectable to an image handling apparatus through a network, the external processing apparatus comprising:

a controlling part that controls at least a part of an image handling process concerning a service by taking a place of the image handling apparatus, wherein the controlling part

requests the image handling apparatus to control a function included in the image handling apparatus in which the function is controlled by the image handling process; and

an interface that sends a screen update instruction request to the image handling apparatus during in response to a message informing an end of the image handling process and ~~updates~~ sends data to update a graphical interface upon a reception of a response to the screen update instruction request from the image handling apparatus by the interface.

39. (Original) The external processing apparatus as claimed in claim 38, wherein the controlling part controls the function by using a service providing part included in the image handling apparatus, the service providing part allowing an external control to control the function.

40. (Currently Amended) A computer-readable storage medium including a program product, which when executed by a computer, causes the computer to function as an external processing apparatus to conduct a service, the external processing apparatus being connectable to an image handling apparatus through a network, said program product comprising codes for:

functioning as a controlling part for conducting at least a part of an image handling process concerning a service by taking a place of the image handling apparatus, wherein the controlling part requests the image handling apparatus to control a function implemented in the image handling apparatus in which the function is controlled by the image handling process;

sending a screen update instruction request to the image handling apparatus during in response to a message informing an end of the image handling process; and

~~updating~~ sending data to update a graphical interface upon a reception of a response to the screen update instruction request from the image handling apparatus in response to the sending.

41. (Currently Amended) A system using services, the system comprising:
an information processing apparatus; and
an external processing apparatus connected to the information processing apparatus through a network, the external processing apparatus comprising a controlling part that conducts at least a part of a process concerning a service by taking a place of the information processing apparatus, the external processing apparatus sending a screen update instruction request to the information processing apparatus during in response to a message informing an end of the process, wherein

the information processing apparatus comprises
hardware resources including at least one of a scanner and a plotter;
an image formation unit configured to form an image by using the hardware resources and to be controlled by the process, wherein the image formation unit controls the hardware resources when a request is received from the controlling part; and
an interface that, when the interface receives the screen update instruction request, sends a request to the external processing apparatus to update a graphical interface.

42. (Previously Presented) The system as claimed in claim 41, wherein the information processing apparatus comprises a service providing part that allows an external control to control the image formation unit, wherein the image formation unit is externally controlled and the image formation unit conducts the process.

43. (Previously Presented) The system as claimed in claim 42, wherein the external processing apparatus controls the image formation unit by using the service providing part based on a request received from the information processing apparatus.

44. (Previously Presented) The system as claimed in claim 41, wherein the information processing apparatus comprises a requesting part that sends a request for at least a part of the process to the controlling part.

45. (Previously Presented) The system as claimed in claim 41, wherein:
the process is realized by at least one function controlling part that controls the image formation unit, a service providing part that allows an external control to control the at least one function controlling part, and software that externally controls the at least one function controlling part; and

the software is implemented in the external processing apparatus as at least a part of the process.

46. (Previously Presented) The system as claimed in claim 44, wherein the requesting part comprises an executing part that executes at least a part of the process.

47. (Previously Presented) The system as claimed in claim 46, wherein the requesting part requests at least the part of the process to the external processing apparatus through another external processing apparatus.

48. (Previously Presented) The system as claimed in claim 41, wherein the information processing apparatus comprises:

a service providing part that internally controls the image formation unit; and
a requesting part that controls the image formation unit by using the service providing part.

49. (Previously Presented) The system as claimed in claim 43, wherein the external processing apparatus controls the image formation unit by using the service providing part through another external processing apparatus.

50. (Previously Presented) The system as claimed in claim 41, wherein the controlling part controls a plurality of functions to cooperate with each other.

51. (Previously Presented) The system as claimed in claim 50, wherein the controlling part controls one function of one information processing apparatus and another function of another information processing apparatus to cooperate with each other.

52. (Previously Presented) The system as claimed in claim 41, wherein one controlling part of one external processing apparatus and another controlling part of another external processing apparatus are controlled to cooperate with each other.

53. (Previously Presented) The system as claimed in claim 41, wherein a terminal apparatus including a requesting part that requests at least a part of the process to the controlling part is connected to the information processing apparatus and the external processing apparatus through the network.

54. (Previously Presented) The system as claimed in claim 44, wherein the external processing apparatus sends the graphical interface, which is a user interface of the controlling part, to the requesting part.

55. (Previously Presented) The system as claimed in claim 54, wherein the information processing apparatus further comprises an updating part that requests an update of the user interface to the controlling part.

56. (Currently Amended) An information processing apparatus connectable to an external processing apparatus through a network, the information processing apparatus comprising:

hardware resources including at least one of a scanner and a plotter;

an image formation unit configured to form an image by using the hardware resources and to be controlled by a process concerning a service, wherein at least a part of the process is allowed to be conducted by the external processing apparatus, instead of the information processing apparatus itself, and the image formation unit controls the hardware resources when a request is received from the external processing apparatus; and

an interface that sends a message informing an end of the process and, when the interface receives a screen update instruction request from the external processing apparatus during upon the end of the process, sends a request to the external processing apparatus to update a graphical interface.

57. (Previously Presented) The information processing apparatus as claimed in claim 56, further comprising:

a service providing part that allows an external control to control the image formation unit, wherein the image formation unit is externally controlled and the process is conducted.

58. (Previously Presented) The information processing apparatus as claimed in claim 57, further comprising:

a requesting part that sends a request for at least a part of the process to the external processing apparatus.

59. (Previously Presented) The information processing apparatus as claimed in claim 58, wherein:

the requesting part includes an identification of data for the process in a request, and sends the request to the external processing apparatus; and

the service providing part uses data corresponding to the identification included in the request received from the external processing apparatus, wherein the image formation unit is controlled.

60. (Currently Amended) An external processing apparatus connectable to an information apparatus through a network, the external processing apparatus comprising:

a controlling part that conducts at least a part of a process concerning a service by taking a place of the information processing apparatus, wherein the controlling part requests to the information processing apparatus to control a function of the information processing apparatus, in which the function is controlled by the process; and

an interface that sends a screen update instruction request to the information processing apparatus ~~during~~ in response to a message informing an end of the process and

~~updates~~ sends data to update a graphical interface upon a reception of a response to the screen update instruction request from the information processing apparatus by the interface.

61. (Previously Presented) The external processing apparatus as claimed in claim 60, wherein the controlling part controls the function by using a service providing part included in the information processing apparatus in which the service providing part can externally control the function.

62. (Currently Amended) A computer-readable storage medium including a program product, which when executed by a computer, causes the computer to function as an external processing apparatus to conduct a service, the external processing apparatus being connectable to an information processing apparatus through a network, said program product comprising codes for:

functioning as a controlling part for conducting at least a part of a process concerning a service by taking a place of the information processing apparatus, wherein the controlling part requests the information processing apparatus to control a function implemented in the information processing apparatus in which the function is controlled by the process;

sending a screen update instruction request to the information processing apparatus during in response to a message informing an end of the process; and

~~updating~~ sending data to update a graphical interface upon a reception of a response to the screen update instruction request from the information processing apparatus in response to the sending.